

Product Catalog

TMTC

Testing Machines & Tools Company





**COMPRESSION TESTING MACHINE
HAND OPERATED**



**COMPRESSION TESTING MACHINE
HAND OPERATED**



**COMPRESSION TESTING MACHINE
CAPACITY = 2000KN**



**COMPRESSION TESTING MACHINE
CAPACITY = 200KN
SINGLE PRESSURE GAUGE**



**COMPRESSION TESTING MACHINE
CAPACITY = 500KN**



**COMPRESSION TESTING MACHINE
CAPACITY = 2000KN
WITH THREE PRESSURE GAUGES
ELECTRIC CUM HAND OPERATED**



**COMPRESSION TESTING MACHINE
CAPACITY = 2000KN DIGITAL**

Introduction

Dear Sir/s,

We have pleasure to introduce ourselves as one of the Leading Manufacturers and suppliers of the aforesaid equipment's, as given in the Appendix enclosed, to the government and semi Government departments, P.W.D. irrigation, National Highways, Rural Roads, Research Engineering Colleges, Polytechnics, Defense, Electricity Boards, Bridges & other construction and Dams etc. throughout India.

Lately, we have exported some of our equipment's abroad and those are giving satisfactory performance, evidently, as we are getting repeated orders.

Every item manufactured by us is capturing the market more than our expectations as we make every instrument from the best quality of material available in the market and strictly according to the IS , BS, or ASTM specifications and also according to the Engineers own specifications.

Every instrument is fully tested for its performance and carries a guarantee for one year. We also provide full cooperation to the purchase by giving practical demonstration, if required, for the instrument supplied by us.

We would request you to kindly register our name in your purchase section and mail us your regular enquiries from time to time which we assure you will receive our best attention at all the times.

Thanking you for a line in reply confirming our registration, we remain.

Yours faithfully,

Testing Machines & Tools Company
(Ravi Bhardwaj) Proprietor

Registration as Manufacturers & Supplier of

- ✓ Soil Testing Equipment's
- ✓ Cement, Concrete & Aggregate Testing Equipment's.
- ✓ Bitumen Testing Equipment's
- ✓ Material Testing Machines
- ✓ General Laboratory Instruments & Accessories.
- ✓ Surveying & safety Equipment's
- ✓ Rubber , Plastic, Leather, Paper testing Machines

SOIL TESTING EQUIP MENTS

TMTC-SO-1	AUGER POSTHOLE & SCREW TYPE
TMTC-SO-2	BRASS FRAME SIEVES, 200, 300, 450MM DIA
TMTC-SO-3	CALIFORNIA BEARING RATIO APPARATUS
TMTC-SO-4	COMPRESSION PROVING RINGS (DIF FERENT CAPACITY)
TMTC-SO-5	CONSOLIDATION APPARATUS (SINGLE GANG)
TMTC-SO-6	CONSOLIDATION APPARATUS (THREE GANG)
TMTC-SO-7	CONSOLIDATION APPARATUS (FRONT LOADING TYPE)
TMTC-SO-8	CONSOLIDATION CELL (FLOATING RING TYPE)
TMTC-SO-9	CONSTANT VOLUME MOULD
TMTC-SO-10	CORE CUTTER
TMTC-SO-11	DAMES AND MOORE SAMPLER
TMTC-SO-12	DEAD WEIGHT TYPE OIL & WAER CONSTANT PRESSURE SYSTEM
TMTC-SO-13	DIRECT SHEAR APPARATUS (HAND OPERATED)
TMTC-SO-14	DIRECT SHEAR APPARATUS (MOTORIZED TWELVE SPEED)
TMTC-SO-15	EXTRACTOR FRAME UNIVERSAL
TMTC-SO-16	EXTRUDER FRAME UNIVERSAL (HYDRAULIC)
TMTC-SO-17	GRAIN SIZE ANALYSIS (PIPETTE METHOD)
TMTC-SO-18	HAND VANE TESTER
TMTC-SO-19	HIGH SPEED STIRRER
TMTC-SO-20	HEAVY COMPACTION TEST (COMPACTION MOULD & RAMMER)
TMTC-SO-21	IN-SITU VANE SHEAR TEST
TMTC-SO-22	LABORATORY VANE SHEAR APPARATUS

TMTC-SO-23	LABORATORY VANE SHEAR APPARATUS (MOTORIZED)
TMTC-SO-24	LATERAL PRESSURE ASSEMBLY
TMTC-SO-25	LINEAR SHRINKAGE MOULD, BS 1377 -2
TMTC-SO-26	LIQUID LIMIT DEVICE (HAND OPERATED)
TMTC-SO-27	LIQUID LIMIT DEVICE (MOTORIZED)
TMTC-SO-28	MARSH CONE
TMTC-SO-29	MOISTURE TIN (MADE FROM ALUMINIUM /STAINLESS STEEL)
TMTC-SO-30	MUD BALANCE
TMTC-SO-31 SHAKER)	PARTICAL DENSITY BY GAS JAR METHOD (END - OVER - END
TMTC-SO-32	PARTICALE SIZE SEDIMEN TATION BY HYDROMETER METHOD
TMTC-SO-33	PERMEABILITY APPARATUS (FALLING HEAD PERMEABILITY)
TMTC-SO-34	PLASTIC LIMIT SET
TMTC-SO-35	PLATE BEARING TEST APPARATUS
TMTC-SO-36	PLUMMET BALANCE
TMTC-SO-37	POCKET PENETROMETER, ASTM D 1558 D 2573
TMTC-SO-38	PORE PRESSURE APPARATUS
TMTC-SO-39	PORTABLE ALUMINIUM DERRICK WITH PULLEY
TMTC-SO-40	PROCTOR NEEDLES (HYDRAULIC TYPE)
TMTC-SO-42	PROCTOR NEEDLES (SPRING TYPE)
TMTC-SO-43	PYCNOMETER (SPECIFIC GRAVITY)
TMTC-SO-44	RAPID MOISTURE METER
TMTC-SO-45	RELATIVE DENSITY TEST
TMTC-SO-46	SAND EQUIVALENT TEST SET

TMTC-SO-47	SAND EQUIVALENT SHAKER (MOTORIZED)
TMTC-SO-48	SAND DENSITY CONE APPARATUS
TMTC-SO-49	SAMPLING TUBES (UNRELIEVED & RELIEVED)
TMTC-SO-50	SAMPLING TUBES (HEAVY DUTY)
TMTC-SO-51	SEMI AUTOMATIC CONE PENETROMETER
TMTC-SO-52	SHRINKAGE LIMIT SET
TMTC-SO-53	SIEVE SHAKER (HAND OPERATED)
TMTC-SO-54	SIEVE SHAKER GYRATORY
TMTC-SO-55	SIEVE SHAKER 'ROTAP'
TMTC-SO-56	SOIL CONE PENETROMETER
TMTC-SO-57	SOIL HYDROMETER
TMTC-SO-58	SOIL TESTING KIT
TMTC-SO-59	SOIL TRIMMER (HAND OPERATED)
TMTC-SO-60	SOIL LATH MOTORIZED (BENCH MOUNTING)
TMTC-SO-61	SPLIT SPOON SAMPLER
TMTC-SO-62	STATIC CONE PENETROMETER 30KN (HAND OPERATED)
TMTC-SO-63	STATIC CONE PENETROMETER 100KN (ENGINE DRIVE N)
TMTC-SO-64	STANDARD COMPACTION TEST (COMPACTION MOULD & RAMMER)
TMTC-SO-65	SWELL TEST APPARTUS
TMTC-SO-66	TRIAXIAL CELL
TMTC-SO-67	TRIAXIAL SHEAR TEST APPARATUS (MOTORISED)
TMTC-SO-68	TRIAXIAL SHEAR APPARATUS (MOTORISED) SING LE SPEED
TMTC-SO-69	TRIAXIAL SHEAR TEST APPARATUS (MOTORISED) 30 SPEED

**TMTC-SO-70
(HAND OPERATED)**

UNCONFINED COMPRESSION TEST PROVING RING TYPE

**TMTC-SO-71
(MOTORISED)**

UNCONFINED COMPRESSION TESTER PROVING RING TYPE

TMTC-SO-72

UNIVERSAL MULTISPEED FRAME 50KN

TMTC-SO-73

VOLUME CHANGE GAUGE

TMTC-SO-74

SWELL TEST APPARATUS

TMTC-SO-75

WET SIEVE SHAKER



DIRECT SHEAR TEST APPARATUS



SWELL TEST APPARATUS



UNCONFINED COMPRESSION TEST APP.



LIQUID LIMIT DEVICE



CONE PENETROMETER



SOIL CONSOLIDATION TEST APP.

Cement, Concrete & Aggregate Testing Equipment's

CEMENT TESTING EQUIPMENTS

TMTC-CE-1	BLAINE'S AIR PERMEABILITY APPARATUS
TMTC-CE-2	CEMENT AUTOCLAVE
TMTC-CE-3	CEMENT MORTAR PERMEABILITY APPARATUS
TMTC-CE-4	FLEXURE TESTING MACHINE 400KG (4KN) MOTORISED
TMTC-CE-5	FLOW TABLE (HAND OPERATED)
TMTC-CE-6	FLOW TABLE (MOTORIZED)
TMTC-CE-7	GAUGING TROWEL
TMTC-CE-8	GILLMORE NEEDLE APPARATUS
TMTC-CE-9	JOLTING APPARATUS
TMTC-CE-10	LE CHATELIER FLASK
TMTC-CE-11	LE CHATELIER MOULD
TMTC-CE-12	LE CHATELIER WATER BATH
TMTC-CE-13	LENGTH COMPARATOR
TMTC-CE-14	MORTAR MIXER
TMTC-CE-15	PRISM MOULD THREE GANG (40 X 40 X 160MM)
TMTC-CE-16	RING MOULD
TMTC-CE-17	SHRINKAGE BAR MOULD (ONE, TWO & THREE GANG)
TMTC-CE-18	STANDARD SPATULA
TMTC-CE-19	VIBRATING MACHINE
TMTC-CE-20	VICAT NEEDLE APPARATUS
TMTC-CE-21	VOLUME CHANGE APPARATUS

CONCRETE TESTING EQUIPMENTS

TMTC-CO-1	AIR ENTRAINMENT METER
TMTC-CO-2	COMPACTION FACTOR APPARATUS
TMTC-CO-3	COMPRESSION TESTING MACHINE (CHANNEL TYPE)
TMTC-CO-4	COMPRESSION TESTING MACHINE (FOUR PILLAR NUT TYPE)
TMTC-CO-5	COMPRESSION TESTING MACHINE (FOUR PILLAR WELDED TYPE)
TMTC-CO-6	CONE PENETROMETER FOR MORTAR
TMTC-CO-7	CONCRETE TEST HAMMER (SMALL)
TMTC-CO-8	CUBE MOULD (DIFFERENT SIZES, BS & IS, STANDARD)
TMTC-CO-9	CURING TANK
TMTC-CO-10	CYLINDRICAL MOULD (DIFFERENT SIZES)
TMTC-CO-11	DEMOUNTABLE MECHANICAL STRAIN GAUGE
TMTC-CO-12	DENSITY OF HARDENED CONCRETE (WITH BUOYANCY BALANCE)



**GYRATORY SIEVE SHAKER
DIGITAL TIMER FULLY COVER BODY**



**GYRATORY SIEVE SHAKER
WITH TIMER**



**GYRATORY SIEVE SHAKER
WITH ADAPTER 18" 12" 8"**

TMTC-CO-13 MOTORIZED)	FLEXURE TESTING MACHINE (HAND OPERATED CUM
TMTC-CO-14	KELLEY BALL PENETRATION APPARATUS
TMTC-CO-15	LABORATORY CONCRETE MIXER (MOTORIZED)
TMTC-CO-16	LABORATORY PAN MIXER (MOTORIZED)
TMTC-CO-17	LATERAL EXTENSOM ETER
TMTC-CO-18	LONGITUDINAL COMPRESSOMETER
TMTC-CO-19	MELTING POT
TMTC-CO-20	MORTAR PENETROMETER
TMTC-CO-21	POCKET CONCRETE PENETROMETER
TMTC-CO-22	PERMEABILITY APPARATUS OF CONCRETE (SINGLE CELL)
TMTC-CO-23	PERMEABILITY APPARATUS OF CONCRETE (THREE CELL)
TMTC-CO-24	SAND ABSORTION CONE AND TEMPER
TMTC-CO-25	SLUMP TEST APPARATUS
TMTC-CO-26	STRAIGHT EDGE
TMTC-CO-27	SOUTHARD VISCOMETER
TMTC-CO-28	TAMPING BAR
TMTC-CO-29	TAMPING ROD
TMTC-CO-30	THREE GANG MOULD
TMTC-CO-31	VEE BEE CONSISTOMETER
TMTC-CO-32	VIBRATING TABLE
TMTC-CO-33	TENSILE STRENGTH TESTER /TESTING MACHINE

AGGREGATE TESTING EQUIPMENTS

TMTC-AG-01	AGGREGATE CRUSHING VALUE APPARATUS
TMTC-AG-02	AGGREGATE IMPACT TESTER
TMTC-AG-03	BULK DENSITY MEASURES
TMTC-AG-04	DENSITY BASKET
TMTC-AG-05	DEVEL ATTRITION TESTER
TMTC-AG-06	DORRY ABRATION TESTING MACHINE
TMTC-AG-07	ELONGATION INDEX (LENGTH GAUGE)
TMTC-AG-08	FLAKINESS INDEX (THICKNESS GAUGE)
TMTC-AG-09	JAW CRUSHER
TMTC-AG-10	LOS ANGELES ABRATION TESTING MACHINE
TMTC-AG-11	PUG MILL FOR GRINDING LIME MORTAR
TMTC-AG-12	PULVERISER
TMTC-AG-13	RIFFLE SAMPLE DIVIDER
TMTC-AG-14	SAMPLE SPLITTER
TMTC-AG-15 ELECTRONIC BALANCE)	SPECIFIC GRAVITY & WATER ABSORPTION (WITH
TMTC-AG-16	TILE ABRATION



HAND SIEVE SHAKER
SIZE = 12" X 18"



WET SIEVE SHAKER
DOUBLE SET

BITUMEN TESTING EQUIPMENTS

TMTC-BA-1	AUTOMATIC MARSHALL COMPACTOR
TMTC-BA-2	BENKELMAN BEAM
TMTC-BA-3	CENTRIFUGE EXTRACTOR (HAND OPERATED)
TMTC-BA-4	CENTRIFUGE EXT RACTOR (MOTORIZED)
TMTC-BA-5	CORE DRILLING MACHINE
TMTC-BA-6	DUCTILITY TESTING APPARATUS
TMTC-BA-7	MARSHALL STABILITY TEST APPARATUS
TMTC-BA-8	REFLUX EXTRACTOR (4000 GMS)
TMTC-BA-9	RING & BALL APPARATUS (SOFTENING POINT APP)
TMTC-BA-10	SEMI-AUTOMATIC PENETROMETER
TMTC-BA-11	STANDARD PENETROMETER
TMTC-BA-12	STRAIGHT EDGE (3 METERS)
TMTC-BA-13	STRIPPING VALUE APPARATUS



CENTRIFUGE EXTRACTOR



STRIPPING VALUE TEST APPARATUS



AUTOMATIC MARSHALL COMPACTOR

MATERIAL TESTING MACHINES

TMTC-MTE-1	BRINELL HARDNESS TESTER
TMTC-MTE-2	DOUBLE DISC POLISHING MACHINE
TMTC-MTE-3	ERICHSEN CUPPING TESTING MACHINE
TMTC-MTE-4	EXTENSOMETER FOR METALS
TMTC-MTE-5	FATIGUE TESTING MACHINE
TMTC-MTE-6	LEAF STRING TESTING MACHINE
TMTC-MTE-7	PENDULUM IMPACT TESTER
TMTC-MTE-8	ROCKWELL HARDNESS TESTER
TMTC-MTE-9	TENSILE TESTING MACHINE CAPACITY 5 to 10,000kg
TMTC-MTE-10	TORSION TESTING MACHINE FOR RODS
TMTC-MTE-11	TRANSVERS STRENGTH TESTING MACHINE FOR CAST IRON
TMTC-MTE-12	UNIVERSAL TESTING MACHINE MECHANICAL
TMTC-MTE-13	UNIVERSAL TESTING MACHINE COMPUTERIZED
TMTC-MAT-14	SPRING TESTING MACHINE (ANALOG & DIGITAL)



ERICHSEN CUPPING TESTING MACHINE



FATIGUE TESTING MACHINE



TENSILE TESTING MACHINE

General Laboratory Instruments & Accessories.

TMTC- GEN-1	G.I. TRAYS
TMTC-GEN-2	ENAMEL TRAYS
TMTC-GEN-3	MEASURING TAPES
TMTC-GEN-4	MEASURING INSTRUMENTS
TMTC-GEN-5	GRADUATED MEASURING JAS
TMTC-GEN-6	LABORATORY THERMOMETERS
TMTC-GEN-7	DIAL THERMOMETERS
TMTC-GEN-8	DIAL GAUGES
TMTC-GEN-9	SCOOPS
TMTC-GEN-10	WATER BATH
TMTC-GEN-11	LABORATORY OVENS (DIGITAL & THERMOSTATIC)
TMTC-GEN-12	HUMIDITY CHAMBERS



ENAMEL TRAYS



MEASURING INSTRUMENTS



LABORATORY OVENS

Surveying & safety Equipment's

TMTC-SUR-01	14" DUMPY LEVEL
TMTC-SUR-02	ABNEY LEVEL
TMTC-SUR-03	ABNEY LEVEL
TMTC-SUR-04	ADJUSTABLE SET SQUARES
TMTC-SUR-05	ALUMINIUM LEVELLING STAVES
TMTC-SUR-06	ALUMINIUM STAFF LEVEL RODS
TMTC-SUR-07	AMMONIA BOX
TMTC-SUR-08	AMMONIA PRINT TRIMMER
TMTC-SUR-09	ARROWS
TMTC-SUR-10	AUTOMATIC GAUGE RECORDER
TMTC-SUR-11	AUTOMATIC WATER LEVEL STAGE RECORDER
TMTC-SUR-12	AUTOMATIC LEVEL 20X
TMTC-SUR-13	AUTOMATIC LEVEL 24X
TMTC-SUR-14	AUTOMATIC LEVEL 28X
TMTC-SUR-15	AUTOMATIC LEVEL 32X
TMTC-SUR-16	BEAM COMPASS
TMTC-SUR-17	BLUE ACTINIC TUBE
TMTC-SUR-18	BOX SEXTANT
TMTC-SUR-19	BRASS INTERLOCK INTERCHANGEABLE
TMTC-SUR-20	BRUNTON COMPASS
TMTC-SUR-21	BUILDER'S & ARCHITECTURAL TEMPLATE
TMTC-SUR-22	Calculator Scientific
TMTC-SUR-23	CANVAS COVER FOR PLANE TABLE

TMTC-SUR-24	CANVAS COVER FOR PLANE TABLE
TMTC-SUR-25	CARDBOARD SCALE SET
TMTC-SUR-26	CHAIN 20 METER
TMTC-SUR-27	CHAIN 30 METER
TMTC-SUR-28	CHART FOR AUTOMATIC GAUGE RECRDER
TMTC-SUR-29	CHARTS FOR SUNSHINE RECORDER FOR ONE YEAR
TMTC-SUR-30	CIRCLE TEMPLATE
TMTC-SUR-31	CLINOGRAPH
TMTC-SUR-32	CLINOMETER COMPASS/SIGHT COMPASS
TMTC-SUR-33	CLINOMETER DE-LISLE PATTERN
TMTC-SUR-34	COCK'S PATTERN REVERSIBLE LEVEL
TMTC-SUR-35	CONTINUOUS AMMONIA PRINTING MACHINE
TMTC-SUR-36	CONTINUOUS AMMONIA PRINTING MACHINE
TMTC-SUR-37	CONTINUOUS AMMONIA PRINTING MACHINE
TMTC-SUR-38	CROSS STAFF HEAD
TMTC-SUR-39	CROSS STAFF HEAD
TMTC-SUR-40	CROSS STAFF HEAD
TMTC-SUR-41	CROSS STAFF TEAKWOOD
TMTC-SUR-42	Digital Altimeter
TMTC-SUR-43	Digital Planimeter
TMTC-SUR-44	DIRECT VELOCITY RECORDER
TMTC-SUR-45	DISCHARGE ROD
TMTC-SUR-46	DRAFTING CHAIR

TMTC-SUR-47	DRAFTING MACHINE
TMTC-SUR-48	DRAUGHTSMAN SCALE SET
TMTC-SUR-49	DRAUGHTSMAN TABLE
TMTC-SUR-50	DRAWING BOARD TUBULAR ADJUSTABLE STAND
TMTC-SUR-51	DRAWING BOARDS
TMTC-SUR-52	DRAWING COMPASS
TMTC-SUR-53	DRAWING INSTRUMENTS DIVISION DRAWING BOARDS
TMTC-SUR-54	DRAWING OFFICE EQUIPMENTS DIVISION
TMTC-SUR-55	DRAWING TEMPLATES
TMTC-SUR-56	DUMPY LEVEL
TMTC-SUR-57	EDGE BINDING MACHINE
TMTC-SUR-58	EDIOGRAPHS
TMTC-SUR-59	ELECTRONIC THEODOLITE
TMTC-SUR-60	ELECTRONIC WATER LEVEL INDICATOR
TMTC-SUR-61	ELLIPTICAL TRAMMEL
TMTC-SUR-62	ENGINEER'S PRECISION LEVEL
TMTC-SUR-63	ENGINEER'S PRECISION LEVEL
TMTC-SUR-64	ENGINEERING SCALE
TMTC-SUR-65	FERRO PRINTING FRAME
TMTC-SUR-66	FLEXIBLE CURVES
TMTC-SUR-67	FRENCH CURVES
TMTC-SUR-68	GAUGING REEL
TMTC-SUR-69	GHAT TRACER

TMTC-SUR-70	Hand Held GPS
TMTC-SUR-71	HAND LEVEL
TMTC-SUR-72	HOOK GAUGE
TMTC-SUR-73	HOPE LETTERING SET
TMTC-SUR-74	HOPE LETTERING SET
TMTC-SUR-75	HORIZONTAL PLAN FILING CABIN ET
TMTC-SUR-76	HYDROLOGICAL INSTRUMENTS DIVISION
TMTC-SUR-77	LEVELLING STAFF Wooden
TMTC-SUR-78	LIFE JACKET
TMTC-SUR-79	LINE RANGER
TMTC-SUR-80	MAGNET COMPASS
TMTC-SUR-81	MAGNETIC CURRENT METER
TMTC-SUR-82	MEASURING CHAIN
TMTC-SUR-83	MEASURING CR ANE
TMTC-SUR-84	MEASURING WHEEL
TMTC-SUR-85	METEOROLOGICAL INSTRUMENTS DIVISION
TMTC-SUR-86	METRIC ENGINEERING SCALE



Rubber , Plastic, Leather, Paper testing Machines

TMTC-RTE-1 DE-MATTIA FLEX TESTER

TMTC-RTE-2 COMPRESSION TESTER

TMTC-RTE-3 DUMB-BELL-DIE

TMTC-RTE-4 SG BALANCE

TMTC-RTE-5 WATER BATH

TMTC-RTE-6 IRHD TESTER

PLASTIC / PPAPER TESTING EQUIPMENTS

TMTC-PLT-1 BOTTLE COMPRESSION TESTER

TMTC-PLT-2 DART IMPACT TESTER

TMTC-PLT-3 SG BALANCE

TMTC-PAT-4 BURSTING STRENGTH TESTER



DE-MATTIA FLEX TESTER



BURSTING STRENGTH TESTER



BOTTLE COMPRESSION TESTER



Testing Machines & Tools Company

(An ISO 9001:2008 Certified Co.)

S-12A, Lane-12 | Anand Parbat Industrial Area

New Delhi- 110005 (India)

Ph : 09811891991, 09212394678

e-mail:
tmt.sales@hotmail.com
ravi.sales.tmtc@gmail.com